

# Work Order ID 102026

May-22-13 1:31:55 PM

**\*102026\***

Page 1

Item ID: D3242-1

Accept

**\*N900040100\***

Setup Start **\*NS1\***

Revision ID:

Item Name: Tag

Stop **\*NS2\***

Start Date: 5/22/13 Start Qty: 12.00

**\*12\***

Cust Item ID:

Required Date: 6/05/13 Req'd Qty: 12.00

**\*12\***

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 13-05-22 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3242	Rev C								

100 PURCHASING 0.00

**\*100\***

Purchasing

Memo

0.00

Purchasing

Issue P/O: 199714 D3242-1 Tag as per Dwg D3242Material: Hyland Industries M0100840urethane coated nylon (orange color); use 0.25" high black letteringPossible Supplier: Tulmar Safety Systems Inc. Mat'l #1508Material release note is required

13-05-23

110 Receive & Inspect for Damage & Mat'l Certs 0.00

**\*110\***

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

12x 13-5-29

120 QC6- Inspect dimensions to drawing 0.00

**\*120\***

QC

Memo

0.00

Quality Control

13-5-29

12

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
---	---	---

☐ Ovalized  
☐ Over/Under tolerance  
☐ Part Incorrect  
☐ Part Lost/Missing  
☐ Part Moved  
☐ Positioned Wrong  
☐ Power Loss/Surge

☐ Pressure/Forced  
☐ Temperature/Cure  
☐ Weld  
☐ Wrong Stock Pulled  
☐ Other

# Work Order ID 102026

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**\*102026\***

Page 2

Item ID: D3242-1

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start **\*NR1\***

Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>GA</i>	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

*12x 11.10 13-05-30*

*13/5/31 MF 13-5-30*

NCR: Yes / No

## WORK ORDER NON-CONFORMANCE / UPDATE

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Other <input type="checkbox"/>									
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Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

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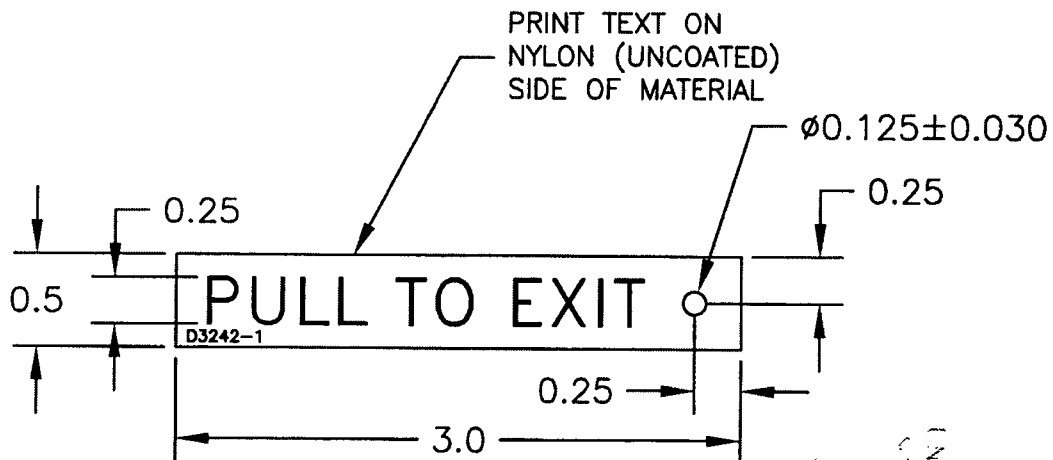
<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	<input type="checkbox"/> Other _____ _____ _____
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**DART**

DESIGN #	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. D3242	REV. C SHEET 1 OF 1
DATE 07.04.03		TITLE TAG	SCALE 1:1
A	04.01.06	NEW ISSUE	
B	04.02.09	RE-DESIGN	
C	07.04.03	CORRECT/UPDATE MATERIAL; ADD TOL; ADD 0.25 DIM; SPECIFY PRINTING SIDE	

RELEASED

07.04.09

**D3242-1 TAG**

SH  
RI  
ENK  
INCONTIN  
SUBJECT  
WITH  
WOM  
13-05-22  
102026 MCS

**NOTES:**

- 1) MATERIAL: HIGHLAND INDUSTRIES M0100840 URETHANE COATED NYLON, ORANGE (REF TULMAR MATERIAL #1508)  
OR  
LAMCOTEC COATING TECHNOLOGIES INC. 200 DENIER URETHANE COATED NYLON, #310 ORANGE (REF TULMAR MATERIAL #1703)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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# INVOICE

# TULMAR

Tulmar Safety Systems Inc.  
33 Cameron Street  
Hawkesbury, ON K6A 2B8  
Tel: 613-632-1282  
Fax: 613-632-2030  
GST R132478223  
MID: XOTULSAF1123HAW  
email: info@tulmar.com

Invoice No Page

**48189**

Invoice date

28-May-13

**Bill To:**

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Canada

**Ship To:**

**Dart Aerospace**  
1270 Aberdeen Street  
Tel: 613-632-5200  
Hawkesbury, ON K6A 1K7  
Canada

Order number	Sales Order Date	Account Number	Loc	Account Manager	
30435	5/23/2013	CDART100	H	100 Helena Vandeweerd	
PO Number		Ship via	Shipping Terms		
PO19974		Pick-Up	FOB HAWKESBURY		
Item No.	Quantity ordered	Qty Shipped/Returned	Item price	UOM	Extended Price
Description		Quantity on back order			

5385	12.00	12.00	11.95	EA	143.40
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Label Dart, Black letters / Size 3"x 1/2"

Drawing No: D3242 (P/N D3242-1)

DWG Rev: C

Lot no.: BATCH0000000027 12.00

SP13-S-29

**Comments:**

<b>Sales amount:</b>	143.40
<b>Miscellaneous amount:</b>	0.00
<b>Freight:</b>	0.00
<b>HST</b>	18.64

**Payment terms** Net 30 Days

**Total amount due:** 162.04

CAD

# PACKING SLIP

# TULMAR

Tulmar Safety Systems Inc.  
1123 Cameron Street  
Hawkesbury, ON K6A 2B8 CA  
Tel: 613-632-1282  
Fax: 613-632-2030  
MID : XOTULSAF1123HAW  
email: info@tulmar.com

Packing Slip No.

**48189**

Ship Date

28-May-13

Bill To:

**Dart Aerospace**  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

Ship to:

**Dart Aerospace**  
1270 Aberdeen Street  
Tel: 613-632-5200  
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager
30435	23-May-13	CDART100	Helena Vandeweerd
PO number	Ship Via	Shipping Terms	
PO19974	Pick-Up	FOB HAWKESBURY	
Item No.	Quantity ordered	UOM	Qty Shipped/Returned
Description			Quantity on back order

5385

12

EA

12

Label Dart, Black letters/Size 3"x 1/2"

Drawing No: D3242 (P/N D3242-1)

DWG Rev: C

Lot No: BATCH0000000027 Qty: 12

Shipper

Date:

**MAY 28 2013**

## Certificate of Conformance

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

*Roxanne Lanthier*

Date:

**MAY 28 2013**



THE

**DISCOVERY/LANCER GROUP**

1-145 Riviera Drive, Markham Ontario L3R-5J6

Tel: 905-470-0744

Fax: 905-470-9454

**Certificate of Compliance**DATE: Nov. 17 2011OUR PROD. NO.: TW-1091-4CUSTOMER P/O NO.: 21886-00CUSTOMER: Tulmar Safety Systems Inc.PRODUCT: MULTI PLASTIC RETARDERQTY. SHIPPED: 1 GALLONLOT NO.: N/AROLL NO.: N/AMANUFACTURING DATE : N/A Nov /2011SHELF-LIFE : 5 YRS. Nov /2016

We certify that the product,

TW-1091-4MULTI PLASTIC RETARDERwas manufactured, inspected and Conforms to specifications  
applicable to the product.Signature: Title: SHIPPERTSS # 7306-RET /09 AC





Fax: 905-470-9454

Q

# Highland Industries, Inc.

Kernersville Finishing Plant  
215 Drummond St., Kernersville, NC 27284  
Tel: (336) 993-2154 Fax: (336) 992-1409

Release No: 934601

Pick Ticket No: 95134

Purchase Order No: 23642-00

## CERTIFICATE OF ANALYSIS

PROCESS CERTIFICATION: THIS MATERIAL CONTAINS NO POLYESTER URETHANES AND NO POLYESTER URETHANES WERE USED IN THE MANUFACTURING OF THIS MATERIAL.

Description: 200 denier Nylon denier  
single coated, Width: 46"

Style No: M0100840

COA Date: 9/21/2012

Lot Number: 627340

MFG Date: 9/12/2012

FAA TSO C13f MIL-C83489/1

AMS-3272/1 with tear deviation to 4lb/3lb per MIL-C-83489/1 Fabric  
"Orange"

Ship To: Tulmar Safety Systems  
1123 Cameron St.  
Hawkesbury, Ontario  
Canada K6A 2B8

Film: Polyether

Description (Units)	Standard	Specification	Results
Weight (oz/yd2)	FED STD 191a No. 5041	6.0-7.5	6.5
Tear Strength	WARP	FED STD 191a No. 5134	5.9
Tongue (lbs)	FILL		7.2
Tear Strength	WARP	FED STD 191a No. 5136	15.5
Trap (lbs)	FILL		13.6
Tensile Grab	WARP	FED STD 191a No. 5100	222
WARP X FILL (lbs)	FILL		192
Adhesion, Strip (lbs/in)	WARP	FED STD 191a No. 5970	15 min 35
Breakaway (lbs/in)	WARP	FED STD 191a No. 5100	50 min 70

Amanda Hale  
QA Authorized Representative

9/21/2012  
Date

### Fax Confidentiality Statement

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TS 1508/06



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO19974

Purchase Order Date 5/23/2013

PO Print Date 5/23/2013

Page Number 1 of 1

Order From :

VC-TUL001

TULMAR SAFETY SYSTEMS  
1123 CAMERON ST  
HAWKESBURY, ON K6A 2B8  
CA

Contact Name

Vendor Phone

613 632 1282

Vendor Fax

613 632 2030

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FIXED**

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D3242-1P	Tag	5/29/2013 Yes	12.00 Each	Dart Truck	\$11.9500	\$143.40

Special Inst: As per DWG: D3242 Rev:C  
B102026

PO Total:

\$143.40

2013-5-29

No substitution or deviation without  
consent.

Certificate of Conformity or Material  
Certification required - YES NO

Change Nbr: 1

Change Date: 5/23/2013